

**KENWOOD**  
HI/FI STEREO COMPONENTS

# SERVICE MANUAL

**KX-550  
(KX-505)**

**Note:**

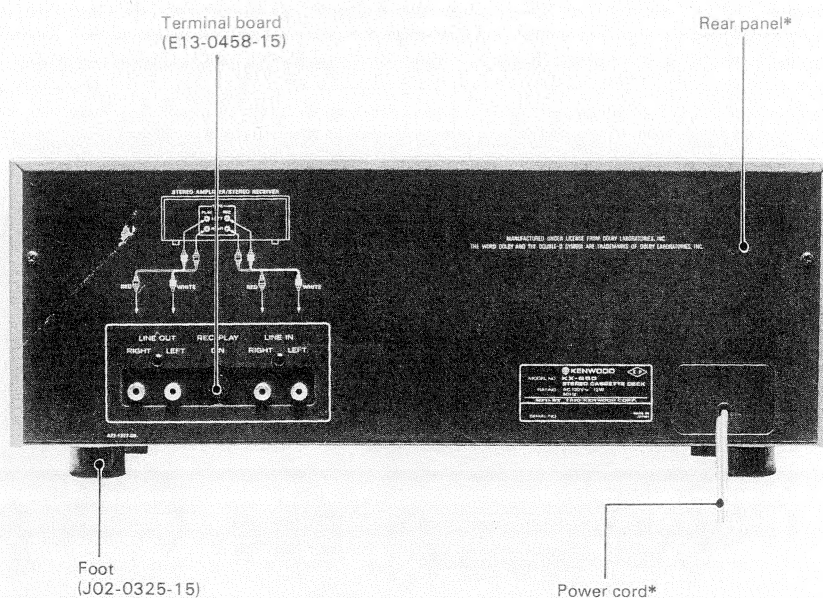
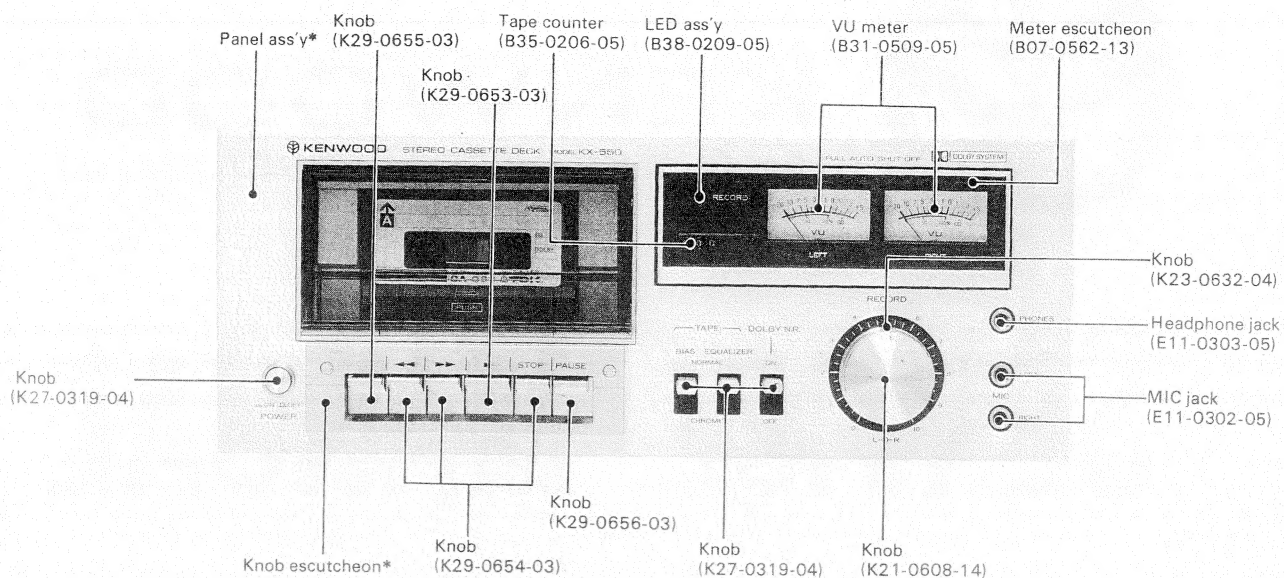
Refer to the KX-530 and KX-630 service manuals as to OPERATION OF MECHANISM, DISASSEMBLY, MECHANISM ADJUSTMENT, CLEANING, LUBRICATION, ADJUSTMENT, BLOCK DIAGRAM, LEVEL DIAGRAM, MEASUREMENT and TROUBLESHOOTING.



**STEREO CASSETTE DECK**

# KX-550

## EXTERNAL VIEW



\*Refer to Parts List.

EXPLODED VIEW PARTS LIST (UNIT)

EXPLODED VIEW  
(UNIT)

**Note:**  
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

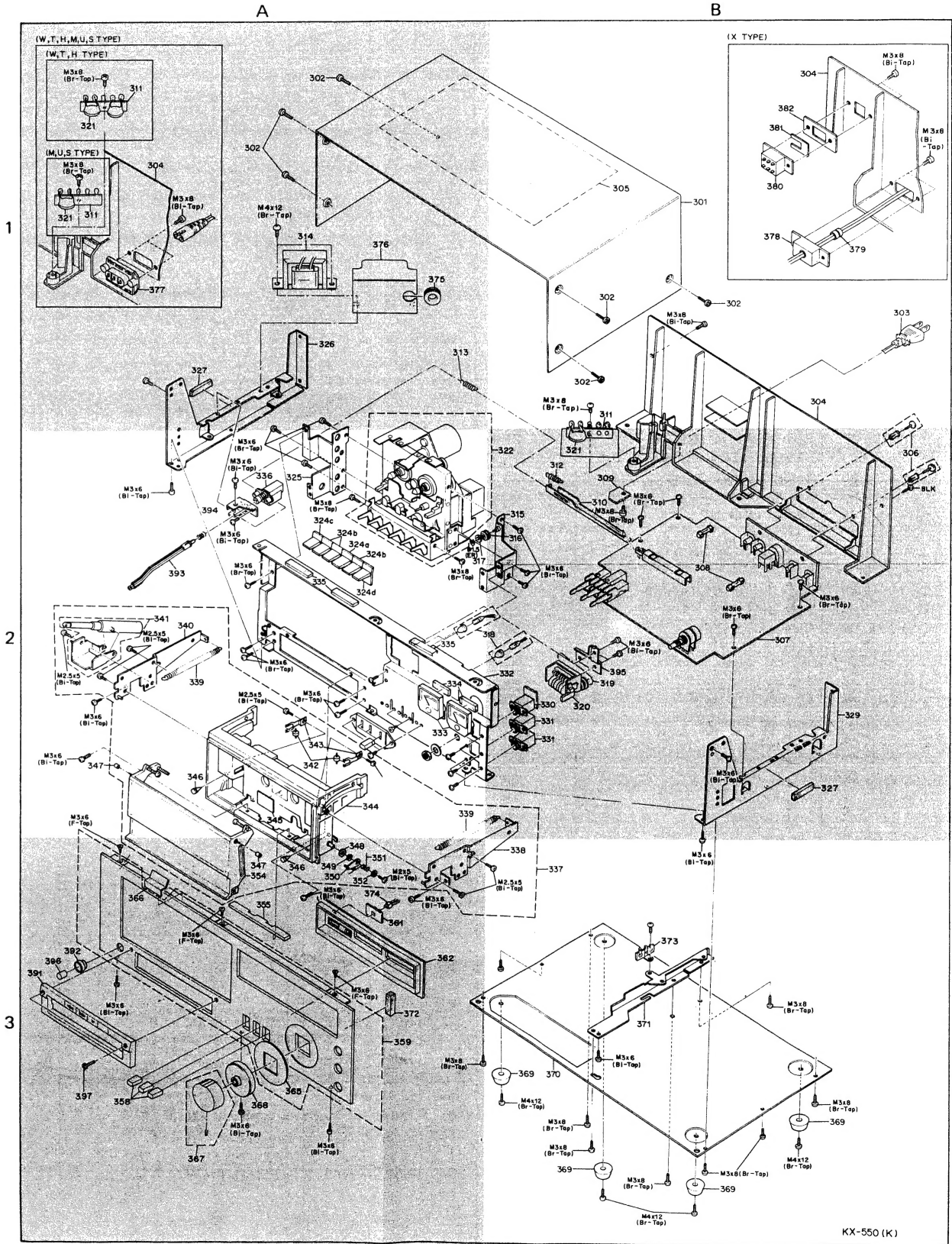
U.S.A.	K
Canada	P
PX	U
Australia	X
Europe	W
England	T
South Africa	S
Other Areas	M
Audio Club (KX-505)	H

☆: New Parts

Fig. No.	Parts No.	Description	Remarks
301	A01-0604-01	Case	1B
302	N09-0831-04	Dress screw	1A, 1B
303	E30-0181-05	Power cord	K, P
	E30-0185-05	Power cord	X
	E30-1305-15	Power cord	M, U
	E30-1328-05	Power cord	S, T
	E30-1329-05	Power cord	W, H
304	A23-1229-05	Rear panel	K, P ☆
	A23-1230-05	Rear panel	M, S, T, W, H, U ☆
	A23-1232-05	Rear panel	X ☆
305	B42-1351-00	Adjustment sheet	2B
306	N29-0211-05	Push rivet	2B
307	X28-1290-01	REC/PLAY PCB ass'y	K, P
or	X28-1290-03	REC/PLAY PCB ass'y	K, P
307	X28-1290-06	REC/PLAY PCB ass'y	M, S, X, U
or	X28-1290-08	REC/PLAY PCB ass'y	M, S, X, U
307	X28-1290-07	REC/PLAY PCB ass'y	T, W, H
or	X28-1290-09	REC/PLAY PCB ass'y	T, W, H
308	F05-6312-05	Fuse	T, W, H
	F05-8012-05	Fuse	T, W, H
	F05-8015-05	Fuse	U, X, S, M
	F05-8018-05	Fuse	K, P
309	—	Power cord holder	K, P
310	—	REC slider	2B
311	—	Lug type terminal strips (2-0-2)	1B
312	G01-0680-14	Coil spring	2B
313	G01-0706-04	Coil spring B	1A
314	L01-6161-15	Power transformer	K, P
	L01-6164-05	Power transformer	U, W, T, H
	L01-6167-05	Power transformer	X, S, M
315	—	Bracket (R) ass'y	2B
316	D15-0509-04	Interconnecting pulley	2B
317	N19-0524-04	Polyethylene slider washer	2A
318	B30-0714-05	Lamp (8V, 0.12A)	2B
319	D16-0213-04	Counter belt	☆ 2B
320	B35-0206-05	Tape counter	☆ 2B
321	C91-0308-05	Ceramic capacitor (0.01μF)	U, M, S, X
	C54-3310-39	Ceramic capacitor (0.01μF)	W, T, H
	C90-0145-05	Ceramic capacitor (0.01μF)	K
	C91-0025-05	Ceramic capacitor (0.01μF)	P
322	D40-0452-05	Mechanism ass'y	K, P ☆
	D40-0454-05	Mechanism ass'y	M, S, T, W, X, U, H ☆
323	—	—	—
324a	K29-0653-03	Knob (▶)	—
324b	K29-0654-03	Knob (◀, ▶, STOP)	—
324c	K29-0655-03	Knob (RECORD)	—
324d	K29-0656-03	Knob (PAUSE)	—
325	—	Bracket (L) ass'y	2A
326	—	Frame (L)	1A
327	G13-0422-04	Cushion (A)	1A, 1B
328	—	—	—
329	—	Frame (R)	2B
330	E11-0303-05	Headphone jack	2B
331	E11-0302-05	Mic jack	2B
332	—	Sub panel ass'y	2B
333	B31-0509-05	VU meter	☆ 2A
334	G10-0403-04	VU meter cushion	☆ 2A
335	G13-0439-04	Cushion (D)	2A

Fig. No.	Parts No.	Description	Remarks
336	S40-1304-05	Power switch	K, P
	S40-1306-05	Power switch	M, S, X, U
	S40-2306-05	Power switch	T, W, H
337	B07-0561-12	Housing ass'y (338~354)	3B
338	J21-2257-04	Housing holder ass'y (R)	3B
339	G01-0643-04	Coil spring (A)	2A
340	J21-2256-04	Housing holder ass'y (L)	2A
341	D39-0082-04	Damper ass'y	2A
342	D14-0208-14	Roller (A)	2A
343	G02-0308-14	Plate spring (A)	2A
344	—	Housing	2A
345	A21-0670-04	Housing dress board	2A
346	J42-0311-04	Rubber bushing	2A, 3A
347	D14-0207-04	Roller (B)	2A, 3A
348	N19-0521-04	Rubber washer	3A
349	N19-0520-04	Polystyrene slider washer	3A
350	D10-0488-04	Lock lever ass'y (A)	3A
351	G01-0641-04	Torsion spring	3A
352	N19-0517-04	Flat washer	3A
353	—	—	—
354	A53-0225-03	Cassette lid	☆ 3A
355	F07-0639-04	Housing cover	☆ 3A
356	—	—	—
357	—	—	—
358	K27-0319-04	Knob (lever)	☆ 3A
359	A20-1960-02	KX-550 panel ass'y	☆ 3A
	A20-1964-02	KX-505 panel ass'y	☆ 3A
	A20-1965-02	KX-550 panel ass'y	☆ 3A
	A20-1970-02	KX-505 panel ass'y	☆ 3A
360	—	—	—
361	J19-0509-04	LED holder	3A
362	B07-0562-13	Meter escutcheon	☆ 3A
363	—	—	—
364	—	—	—
365	F07-0632-14	Back plate for knob (panel ass'y)	3A
366	H12-0335-24	Cassette lid holder	3A
367	K21-0608-14	VR knob (inside)	☆ 3A
368	K23-0632-04	VR knob (outside)	☆ 3A
369	J02-0325-15	Foot	3B
370	—	Bottom plate	3B
371	A13-0509-13	PCB frame	3B
372	G13-0438-14	Cushion (D)	3A
373	E22-0216-05	Lugtype terminal strips	3B
374	B38-0209-05	LED ass'y	☆ 3A
375	—	Bushing	1A
376	—	Shielding plate	1A
377	E03-0102-05	3P inlet	U, W, T, S, M, H
378	J19-1278-04	Power cord bushing holder	X
379	J41-0024-15	Power cord bushing	X
380	S31-2001-05	Power voltage selector	X
381	J30-0407-04	Spacer	X
382	D32-0075-04	Switch stopper	X
391	B07-0563-03	Knob escutcheon (KX-550)	☆ 3A
	B07-0575-03	Knob escutcheon (KX-505)	☆ 3A
392	B07-0565-14	Ring (Power switch)	☆ 3A
393	—	Joint	2A
394	—	Switch holder	2A
395	—	Counter holder	2B
396	K27-0316-04	Knob (Power)	☆ 3A
397	N08-0129-05	Dress screw M3 × 8	☆ 3A

Fig. No.	Parts No.
M3 × 8 (Bi-Tap)	N89-3008-45
M3 × 6 (Br-Tap)	N87-3006-46
M3 × 8 (Br-Tap)	N87-3008-46
M4 × 12 (Br-Tap)	N87-4012-46
M3 × 6	N30-3006-46
M2.5 × 5 (Bi-Tap)	N89-2505-46
M3 × 6 (Bi-Tap)	N89-3006-46
M2.5 × 5 (Bi-Tap)	N89-2505-46
M2 × 5 (Bi-Tap)	N89-2005-46
M3 × 6 (F-Tap)	N88-3006-46





KX-550

EXPLODED VIEW PARTS LIST  
(D40-0454-05)

Parts 136T, 170, 175, 176, 178, 198 and 236 are used for Timer Stand by Operation mechanism.

This mechanism is eliminated in D40-0452-05.

☆: New Parts, ×: No Stock

Fig. No.	Parts No.	Description	Remarks
1	A11-0328-08	Chassis ass'y	× 3A
2	A11-0329-08	Head panel ass'y	× 2B
3	T34-0007-05	R/P head	2A
4	T32-0004-05	Erase head	1A
5	D10-0540-08	Head panel pushing plate C	2A
6	—	—	—
7	—	—	—
8	G01-0682-08	R/P head spring B	2A
9	G01-0683-08	Link spring C	2A
10	—	—	—
11	—	—	—
12	J21-2279-08	Erase head base B	2A
13	J32-0504-08	Erase head stud E	2A
14	E23-0304-08	Lug terminal J	1A
15	A13-0520-08	Pushbutton FA ass'y	1B
15a	D10-0600-08	Pushbutton operational plate	3A
15b	D10-0801-08	Pushbutton lever FT	2A
15c	G01-0720-08	Pushbutton lever spring H	2A
15d	N09-0203-08	SEMUS screw M2.6 × 4	1A, 1B, 2A
15e	N09-0202-08	SEMUS screw M2.6 × 6	1A
15f	—	—	—
15g	N09-0590-08	SEMUS screw M2 × 4	1B
15h	N24-3030-60	E-ring 3φ	2A
15i	G01-0701-08	Pushbutton operational spring	3A
16	D14-0210-08	FF idler arm ass'y	2C
17	D10-0548-08	Auto idler supporter ass'y B	2D
18	D14-0212-08	Auto idler	2D
19	D10-0541-08	REW arm BB ass'y	1C
20	D14-0213-08	REW idler B	1C
21	D14-0211-08	Pinch roller ass'y	2B
22	G01-0704-08	Pinch roller spring F	2B
23	J21-2289-18	Flywheel support	× 3D
24	N09-0822-08	Adjusting screw	3C
25	D10-0542-08	FF arm C ass'y	2C
26	T42-0105-05	Motor	3B
27	D15-0510-18	Motor pulley	3B
28	J21-2275-18	Motor bracket	× 3B
29	S46-0307-08	Play switch S7 LS1139TY	2B
30	G13-0431-08	Rubber cushion	3B
31	J31-0422-08	Spring tube	3B
32	—	—	—
33	—	—	—
34	—	—	—
35	J19-1262-18	Cassette hold back spring plate Q	2B
36	D30-0004-08	Brake lever D	2C
37	D10-0543-08	REW lever A	2C
38	D30-0003-08	Brake arm D	1B
39	D10-0545-08	FF tension arm	2C
40	J19-1267-08	Head panel retainer A	2A
41	J19-1268-08	Head panel retainer D	2B
42	J21-2282-08	Flywheel metal support A	3D
43	D10-0544-08	Wrong erase preventing lever D	1C
44	D10-0539-08	Wrong erase preventing latch F	2B
45	—	—	—
46	—	—	—
47	J31-0423-08	Brake arm spacer B	1B
48	J31-0424-08	FF tension arm spacer B	2C
49	D21-0648-08	FF idler arm spacer	2C
50	D23-0518-08	Flywheel metal F	3D

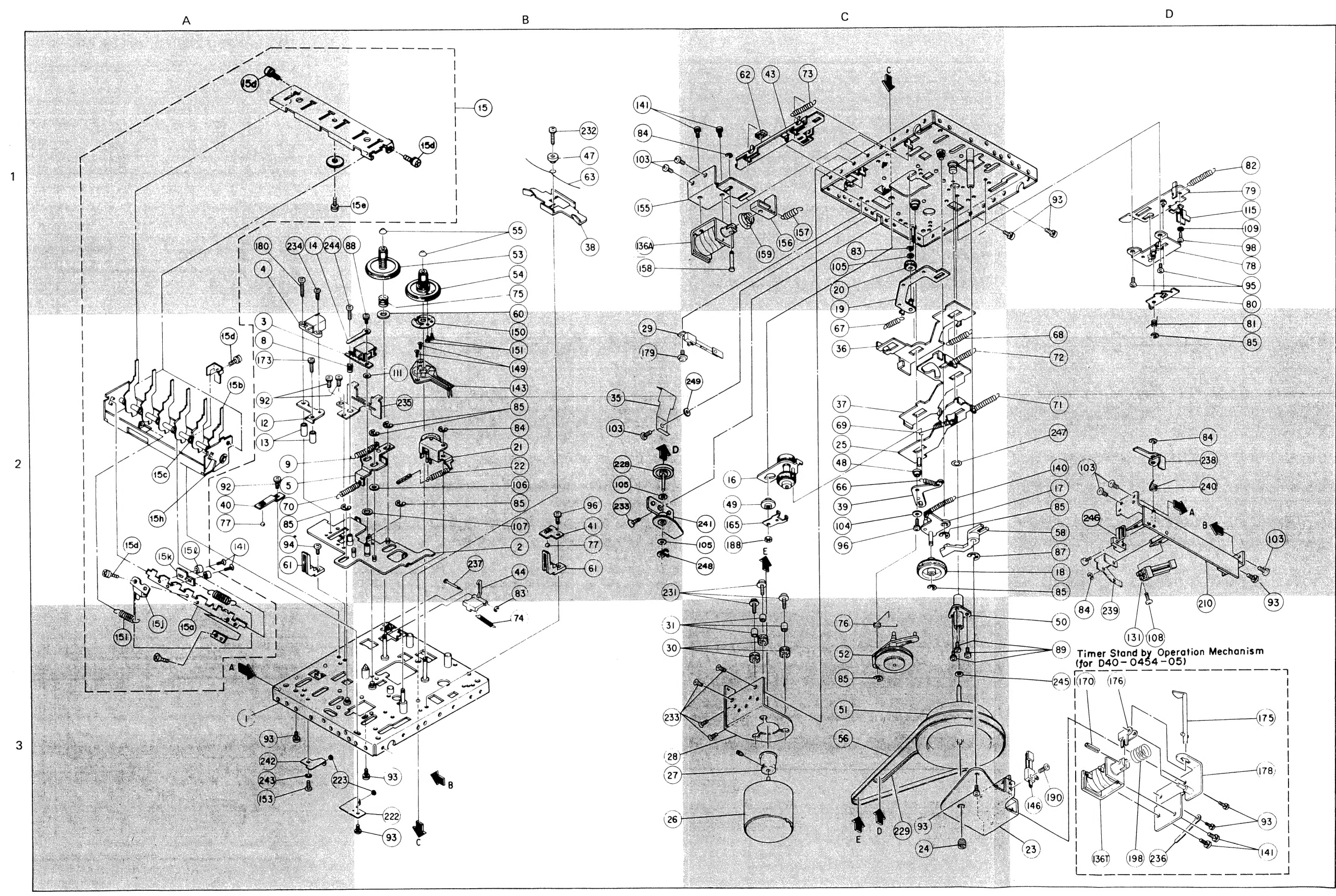
KX-550 KX-550

EXPLODED VIEW PARTS LIST  
(D40-0454-05)

Fig. No.	Parts No.	Description	Remarks
103	N09-0828-08	Pan head tapping screw M3 × 5	1B, 2B
104	N15-1026-46	Flat washer 2.8 × 7.5 × 0.5	2D
105	N19-0539-08	Polyethylene slider washer	2C
106	N19-0537-08	Polyethylene slider washer	1C, 2C
107	N19-0538-08	Polyethylene slider washer	2B
108	N30-2006-46	Pan head screw M2 × 6	2B
109	N16-0020-46	Spring washer M2.0	3D
110	—	—	1D
111	N19-0536-08	R/P head spacer 5φ × 2.3φ × 0.2t	2B
112	—	—	—
113	—	—	—
114	—	—	—
115	J21-2290-08	Pause arm support F	1D
131	S46-2304-08	Muting switch S9	3D
132	—	—	—
133	—	—	—
134	—	—	—
135	—	—	—
136A	T94-0056-08	Solenoid (B) 13V40	1B
136T	T94-0056-08	Solenoid (B) 13V40	—
138	—	—	—
139	—	—	—
140	G01-0695-08	Auto idler supporter spring B	2D
141	N09-0227-08	SEMUS screw M3 × 4 (N30-3004 + N16-0030-46)	1B
143	J25-2353-08	Sensor switch P.C. board	2B
144	—	—	—
145	—	—	—
146	S46-1306-08	Leaf switch (for pause cancelling S8)	3D
147	—	—	—
148	—	—	—
149	N09-0824-08	Flat head screw M2 × 2.5	2B
150	G02-0314-08	Slider A	2B
151	N09-0826-08	Pan head screw M1.7 × 1.8	2B
152	—	—	—
153	N09-0827-08	Pan head tapping screw M2.6 × 5	3A
154	—	—	—
156	J21-2286-08	Solenoid mounting bracket D	× 1B
156	D10-0547-08	Auto stop activating lever	1C
157	G01-0698-08	Auto stop link spring	1C
158	D21-0649-08	Auto stop activating lever shaft	1B
159	G01-0699-08	Solenoid pole piece spring (for auto stop)	1C
160	—	—	—
161	—	—	—
162	—	—	—
163	—	—	—
164	—	—	—
165	J19-1269-08	FF idler arm holder	2C
166	—	—	—
167	—	—	—
168	—	—	—
169	—	—	—
170	J12-0306-05	Spring pin	3D



EXPLODED VIEW  
(D40-0454-05)





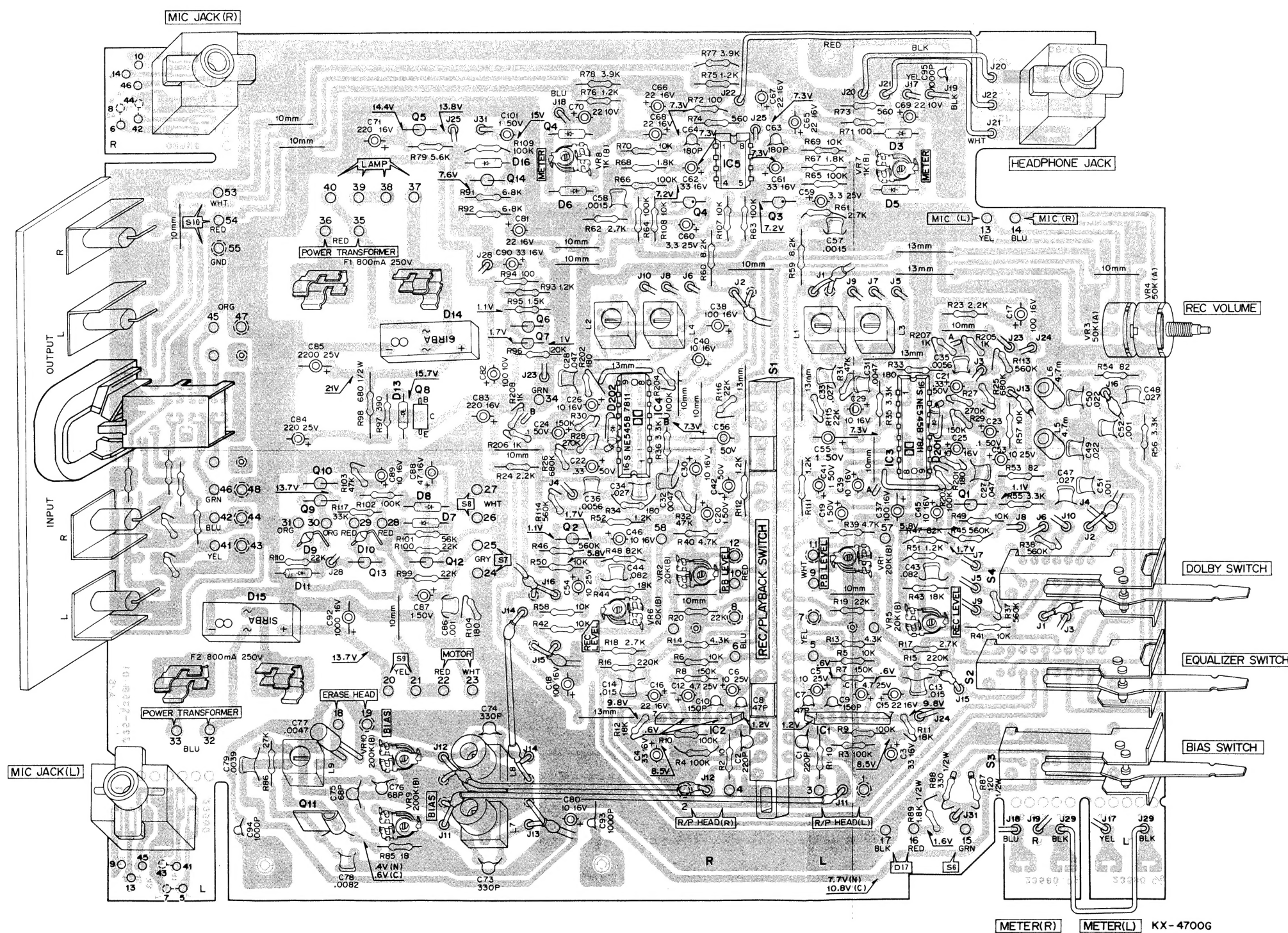
# KX-550

# KX-550 KX-550

## PC BOARD

## SCHEMATIC MODIFICATIONS

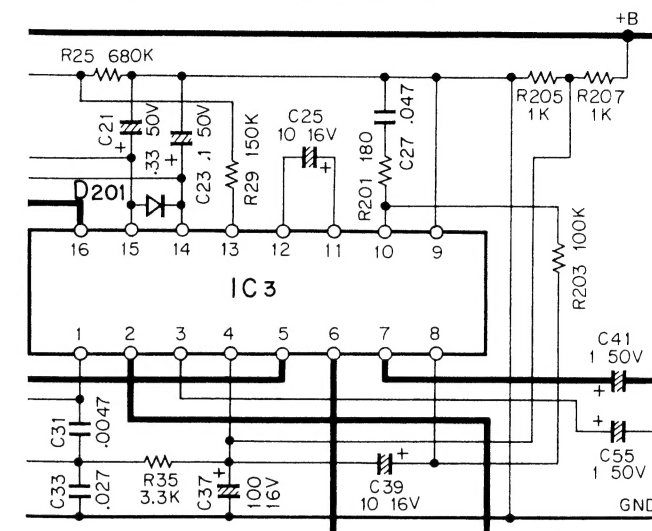
X28-1290-03 COMPONENT SIDE



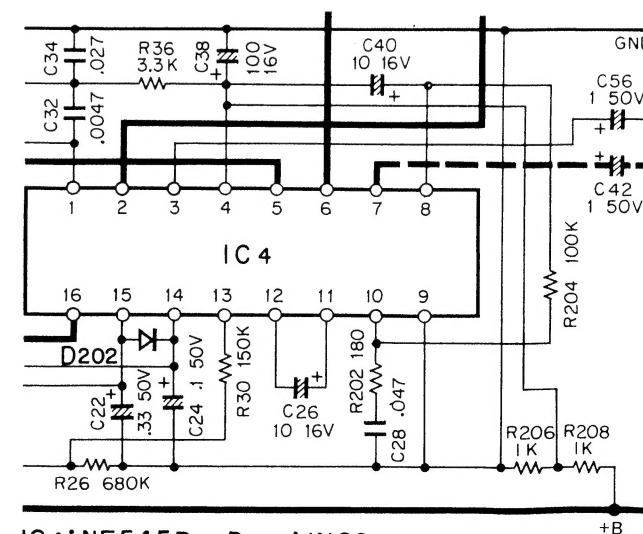
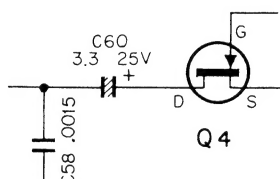
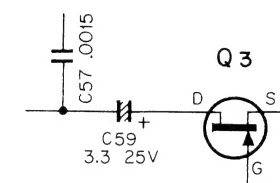
- |                               |                            |                  |
|-------------------------------|----------------------------|------------------|
| Q1,2 : 2SC945(P)              | Q14 : 2SA733(P,Q)          | D15 : RD15EC     |
| Q3,4 : 2SK105(F,H)            | IC1,2 : $\mu$ PC566H3(L,M) | D14,15 : S1RBA10 |
| Q5,10,12 : 2SC828(R)          | IC5 : $\mu$ PC4557C        | D17 : GD-4-207RD |
| Q8 : 2SC2209(Q) or 2SC1419(C) | D3~6 : 1N60                | D201,202 : 1N60  |
| Q9 : 2SA684(Q,R)              | D7,8,16 : 1S2076           | IC3,4 : NE545B   |
| Q11 : 2SC1384(Q,R)            | D9 : V06B                  |                  |



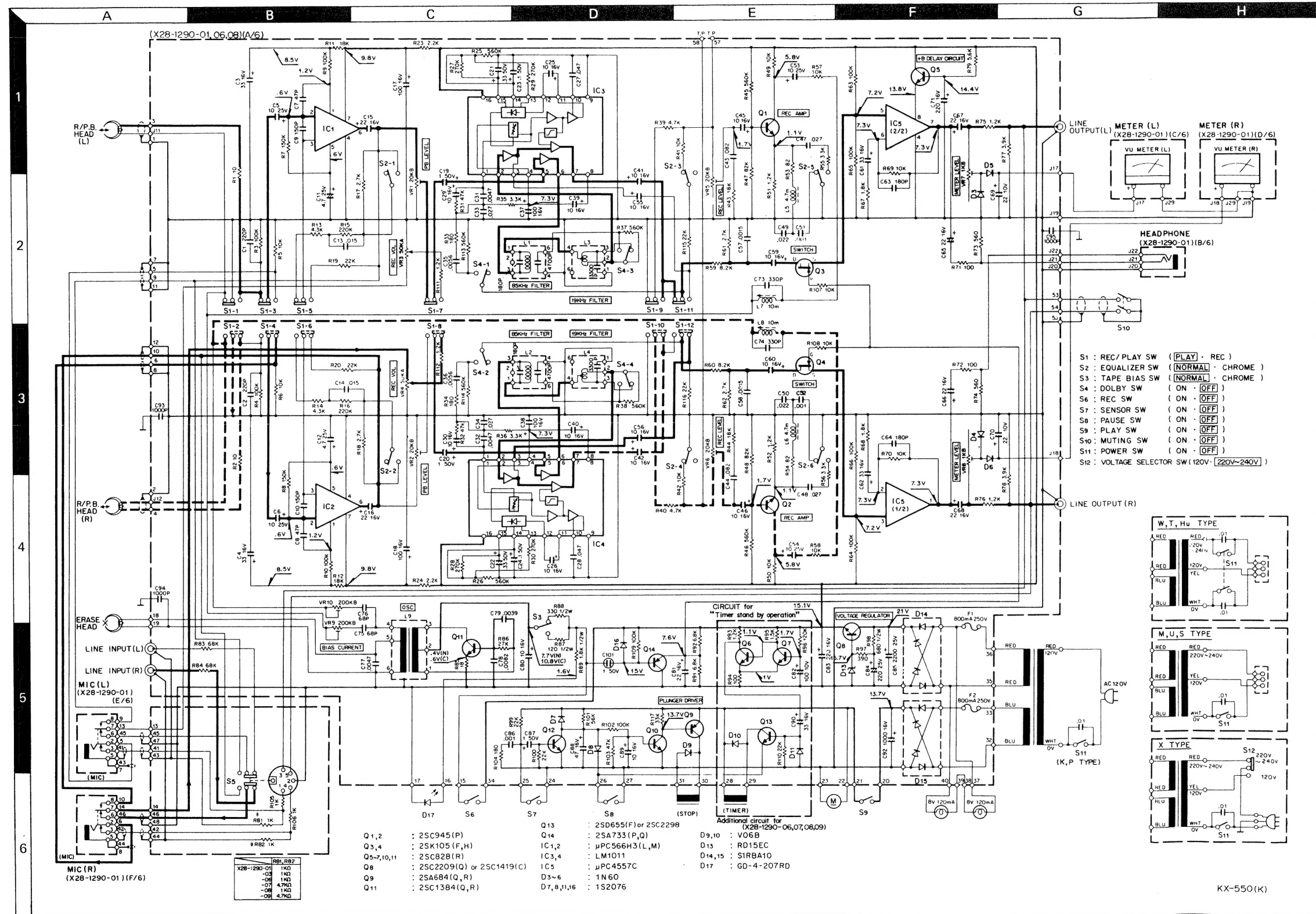
MODIFICATIONS from X28-1290-01, 06 and 08 to X28-1290-03, 07 and 09.



IC3: NE545B, D201: 1N60



IC4: NE545B, D202: 1N60 X28-1290-03, 07 and 09



### SPECIFICATIONS

Type	Front Loading Stereo Cassette Deck with Dolby NR System
Track System	4-Track, 2-Channel Stereo/Mono
Recording/Playback	Recording/Playback
Recording System	AC Bias System (Bias Frequency 85 kHz)
Erasing System	AC System
Tape Speeds	4.76 cm/sec (1-7/8 ips)
Heads	Hard permalloy Record/Play Head x 1 Ferrite Erase Head x 1
Motor	Electronically-Controlled DC Motor
Fast Winding Time	Approx. 85 seconds with C-60 tape
Frequency Response	Normal Tape: 30 Hz to 14,000 Hz (40 Hz to 13,000 Hz ±3 dB) Chrome Tape: 30 Hz to 16,000 Hz (40 Hz to 15,000 Hz ±3 dB)
Signal-To-Noise Ratio	Dolby NR ON 62 dB (Normal Tape), 64 dB (Chrome Tape) Dolby NR OFF 52 dB (Normal Tape), 54 dB (Chrome Tape)
Harmonic Distortion	Less than 1.5% (at 1 kHz, 0 VU, Normal Tape)
Wow and Flutter	0.05% (WRMS)
Input Sensitivity/Impedance	Line x 2 77.5 mV/100k ohms DIN x 1 0.1 mV/k ohms Europe, U.K., and Scandinavia Models 16.0 mV/2.0k ohms Other Countries 0.15 mV/10k ohms
Output Level/Load Impedance	Line x 2 489 mV (0 VU)/100k ohms DIN x 1 489 mV (0 VU)/100k ohms Headphones x 1 489 mV/8 to 16 ohms
Built in Features	Dolby Noise Reduction System Two-Position Bias Selector (Normal-Chrome) Two-Position Equalization Selector (Normal-Chrome) Full Auto Shut-Off Mechanism in all Modes LED Recording Indicator Three Digit Tape Counter Two Large Illuminated VU Meters Two Microphone Jacks, Headphone Jack DIN Rec/P.B. Connector
Power Requirements	AC 120V, 60 Hz: USA and Canada Models AC 120V/240V (Switchable), 50/60 Hz: Australia Model AC 120V/220-240V (Switchable), 50/60 Hz: Other Countries
Power Consumption	10 watts
Dimensions	W: 400 mm (15-3/4") H: 159 mm (6-1/4") D: 281 mm (11-1/16")
Weight	5.4 kg (11.9 lbs)
Supplied Accessories	Stereo Connection Cord x 2 Head Cleaning Kit x 1
Reference Tapes	Normal: MAXELL XLII Chrome: TDK SA

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

NOTE: Dolby is a trademark of Dolby Laboratories.



KX-550

## PARTS LIST

## TOTAL

☆: New Parts

Fig. No.	Parts No.	Description	Remarks
—	B42-0009-04	Passed sticker	
—	B46-0055-20	Warranty card	P
—	B46-0060-00	Warranty card	T
—	B46-0061-20	Warranty card	K
—	B46-0062-20	Warranty card	U
—	B46-0063-10	Warranty card	U
—	B46-0064-00	Warranty card	X
—	B50-2301-00	Instruction manual (KX-550)	K,S,W,U ☆
—	B50-2302-00	Instruction manual (KX-550)	M,X,P ☆
—	B50-2303-00	Instruction manual (KX-550)	T ☆
—	B50-2304-00	Instruction manual (KX-505)	H,M,X ☆
—	B50-2312-00	Instruction manual (KX-505)	T ☆
—	H01-2326-01	Carton box (KX-550)	K,M,S,W,X,U ☆
—	H01-2327-01	Carton box (KX-550)	T ☆
—	H01-2328-01	Carton box (KX-550)	P ☆
—	H01-2329-01	Carton box (KX-505)	H,M,W,X ☆
—	H01-2333-01	Carton box (KX-505)	T ☆
—	H20-0417-04	Polyethylene cover	M
—	H20-0441-04	Polyethylene cover	
—	H25-0078-04	Polyethylene bag	K,P,U,X,W,T,S,H
—	W01-0301-05	Head cleaning bar	

## REC/PLAY/OSC (X28-1290)

Ref. No.	Parts No.	Description	Re- marks
CAPACITOR			
C1.2	C71-1722-15	Ceramic 220pF ±5%	
C3.4	C24-1233-61	Electrolytic 33μF 16WV	
C5.6	C25-1410-67	Electrolytic 10μF 25WV	
C7.8	C71-1747-66	Ceramic 47pF ±10%	
C9.10	C71-1715-16	Ceramic 150pF ±10%	
C11.12	C24-1447-51	Electrolytic 4.7μF 25WV	
C13.14	C45-1715-35	Mylar 0.015μF ±5%	
C15.16	C24-1222-61	Electrolytic 22μF 16WV	
C17.18	C24-1210-71	Electrolytic 100μF 16WV	
C19.20	C24-1710-51	Electrolytic 1μF 50WV	
C21.22	C25-1733-47	Electrolytic 0.33μF 50WV	
C23.24	C25-1710-47	Electrolytic 0.1μF 50WV	
C25.26	C24-1210-61	Electrolytic 10μF 16WV	
C27.28	C45-1747-35	Mylar 0.047μF ±5%	
C29.30	C24-1210-61	Electrolytic 10μF 16WV	
C31.32	C45-1747-25	Mylar 4700pF ±5%	
C33.34	C45-1727-35	Mylar 0.027μF ±5%	
C35.36	C45-1756-25	Mylar 5600pF ±5%	
C37.38	C24-1210-71	Electrolytic 100μF 16WV	
C39.40	C24-1210-61	Electrolytic 10μF 16WV	
C41.42	C24-1210-61	Electrolytic 10μF 16WV	
	C24-1710-51	Electrolytic 1μF 50WV	—01,—06,—08 —03,—07,—09
C43.44	C45-1782-36	Mylar 0.82μF ±10%	
C45.46	C24-1210-61	Electrolytic 10μF 16WV	

Ref. No.	Parts No.	Description	Re- marks
C47.48	C45-1727-35	Mylar 0.027μF ±5%	
C49.50	C45-1722-35	Mylar 0.022μF ±5%	
C51.52	C45-1710-25	Mylar 1000pF ±5%	
C53.54	C25-1410-67	Electrolytic 10μF 25WV	
C55.56	C24-1210-61	Electrolytic 10μF 16WV	
C57.58	C45-1715-25	Mylar 1500pF ±5%	
C59.60	C24-1210-61	Electrolytic 10μF 16WV	
	C25-1433-57	Electrolytic 3.3μF 25WV	—01,—06,—08 —03,—07,—09
C61.62	C24-1233-61	Electrolytic 33μF 16WV	
C63.64	C71-1718-16	Ceramic 180pF ±10%	
C65.66	C24-1222-61	Electrolytic 22μF 16WV	
C67.68	C25-1222-67	Electrolytic 22μF 16WV	
C69.70	C24-1022-61	Electrolytic 22μF 10WV	
C71	C24-1222-71	Electrolytic 220μF 16WV	
C73.74	C71-1733-16	Ceramic 330pF ±10%	
C75.76	C71-1768-06	Ceramic 68pF ±10%	
C77	C47-2147-25	Polystyrene 4700pF ±5%	
C78	C45-1782-25	Mylar 8200pF ±5%	
C79	C45-1739-25	Mylar 3900pF ±5%	
C80	C24-1210-61	Electrolytic 10μF 16WV	
C81	C24-1222-61	Electrolytic 22μF 16WV	
C82	C24-1010-71	Electrolytic 100μF 10WV	
	C24-1222-71	Electrolytic 220μF 16WV	—06,—07,—08,—09 —06,—07,—08,—09
C84	C24-1422-71	Electrolytic 220μF 25WV	
C85	C24-1422-81	Electrolytic 220μF 25WV	
C86	C45-1710-27	Mylar 1000pF ±20%	
C87	C24-1710-51	Electrolytic 1μF 50WV	
C88	C24-1247-61	Electrolytic 47μF 16WV	
C89	C24-1210-61	Electrolytic 10μF 16WV	
C90	C24-1233-61	Electrolytic 33μF 16WV	
	C24-1210-81	Electrolytic 1000μF 16WV	—06,—07,—08,—09
C92	C55-1710-26	Ceramic 1000pF ±20%	
C93~95	C26-1710-57	Electrolytic 1μF 50WV	
C101			
RESISTOR			
R87	R43-6312-15	Carbon 120Ω ±5% 1/2W	
R88	R43-6333-15	Carbon 330Ω ±5% 1/2W	
R89	R43-6318-25	Carbon 1.8kΩ ±5% 1/2W	
R98	R43-6368-15	Carbon 680Ω ±5% 1/2W	
SEMICONDUCTOR			
Q1.2	V03-0405-05	Transistor 2SC945(P)	
Q3.4	V09-0127-10	FET 2SK105(F,H)	
Q5	V03-0479-05	Transistor 2SC828(R)	
Q6.7	V03-0479-05	Transistor 2SC828(R)	
	V03-2209-10	Transistor 2SC2209(Q)	—06,—07,—08,—09
Q8	V03-0343-05	or 2SC1419(C)	
Q9	V01-0130-05	Transistor 2SA684(Q,R)	
Q10	V03-0479-05	Transistor 2SC828(R)	
Q11	V03-0373-05	Transistor 2SC1384(Q,R)	
Q12	V03-0479-05	Transistor 2SC828(R)	
Q13	V04-0655-10	Transistor 2SD655(F)	
	V03-2298-00	or 2SC2298	—06,—07,—08,—09
Q14	V01-0733-40	Transistor 2SA733(P,Q)	
IC1.2	V30-0274-20	IC μPC566H3(L,M)	
IC3.4	V30-0277-10	IC LM1011	—01,—06,—08

KX-550

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## PARTS LIST/SEMICONDUCTOR SUBSTITUTIONS

Ref. No.	Parts No.	Description	Re- marks
	V30-0139-05	IC NE545B	
		—03,—07,—09	
IC5	V30-0273-20	IC μPC4557C	
D3~6	V11-0051-05	Diode 1N60	
D7.8	V11-0271-05	Diode 1S2076	
D9	V11-0219-05	Diode V06B	
D10	V11-0219-05	Diode V06B	
		—06,—07,—08,—09	
D11	V11-0271-05	Diode 1S2076	—06,—07,—08,—09
D13	V11-1200-30	Zener diode RD15EC	
D14.15	V11-1300-20	Diode 1S2076	
D16	V11-0271-05	Diode 1S2076	
D201.202	V11-0051-05	Diode 1N60	—03,—07,—09
POTENTIOMETER			
VR1.2	R12-3301-05	PC trimming 20kΩ(B) P.B. level	
VR3.4	R19-4301-05	Variable 50kΩ(A) REC volume	
VR5.6	R12-3301-05	PC trimming 20kΩ(B) REC level	
VR7.8	R12-1304-05	PC trimming 1kΩ(B) Meter level	
VR9.10	R12-5303-05	PC trimming 200kΩ(B) Bias	

Ref. No.	Parts No.	Description	Re- marks
SWITCH			
S1	S31-0302-05	Slide REC/PLAY	
S2	S33-6303-05	Lever Equalizer	
S3	S33-2303-05	Lever Tape bias	
S4	S33-4304-05	Lever Dolby	☆
COIL			
L1.2	L79-0303-05	Dolby filter 85 kHz	
L3.4	L79-0304-05	Dolby filter 19kHz	
L5.6	L39-0305-05	Peaking coil 4.7mH	
L7.8	L39-0304-05	Trap coil 10mH	
L9	L32-0503-05	Bias OSC coil	
MISCELLANEOUS			
—	E11-0302-05	Mic jack × 2	
—	E11-0303-05	Headphone jack	
—	E13-0458-05	Input and output jack	
—	J13-0055-05	Fuse holder × 4	

## SEMICONDUCTOR SUBSTITUTIONS

Ref. No.	Semiconductor	Substitutions
Q1.2	2SC945(P)	2SC1000(G,R), 2SC1775(D), 2SC1213A(D), 2SC1327(R,S)
Q3.4	2SK105(F,H)	2SK68(L,M), 2SK30A(Y,GR), 2SK68A(L,M)
Q5~7.10.12	2SC828(R)	2SC828A(R), 2SC733(Y,GR), 2SC945(P,Q,R), 2SC734(Y)
Q8	2SC2209 (Q) or 2SC1419(C)	2SC1061, 2SC789, 2SC1826, 2SC1827, 2SD234, 2SD526
Q9	2SA684(Q,R)	2SB616, 2SB617
Q11	2SC1384(Q,R)	2SD600K(E,F), 2SD330(E,F)
Q13	2SD655(F)	2SC2298
Q14	2SA733(P,Q)	2SA561(GR,Y), 2SA673A(C,D), 2SA564(Q,R)

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